of conversion of speech to text. See e.g., FIGS. **3**, **15**, **16**. The workstation further includes a tool such as scroll bar (**311**, FIG. **3**) for scrolling through the full length of the transcript and rendering the portion of the audio according to the position of the scrolling. The display of the transcript including a highlighting of words or phrases spoken by the patient relating to symptoms, medications or other medically relevant concepts, see FIGS. **3**, **8**, **9** etc. The workstation further includes a set of transcript supplement tools enabling editing of specific portions of the transcript based on the content of the corresponding portion of audio recording.

We claim:

1. A method for generating a transcript of a conversation between a patient and a healthcare practitioner, comprising:

providing on a workstation a rendering of an audio recording of the conversation and generating a display of a transcript of the audio recording using a speech-to-text engine in substantial real time with the rendering of the audio recording, thereby enabling inspection of the accuracy of conversion of speech to text;

providing a tool for scrolling through the transcript and rendering the portion of the audio according to the position of the scrolling;

using a trained machine learning model to automatically recognize in the transcript or in the recording words or phrases spoken by the patient relating to symptoms, medications or other medically relevant concepts and highlighting such recognized words or phrases spoken by the patient in the transcript;

providing a set of transcript supplement tools enabling editing of specific portions of the transcript based on the content of the corresponding portion of audio recording; and

further comprising the step of displaying a note simultaneously with the display of the transcript and populating the note with the highlighted words or phrases in substantial real time with the rendering of the audio.

2. The method of claim **1**, wherein the transcript supplement tools include at least one of the following:

a) a display of smart suggestions for words or phrases and a tool for editing, approving, rejecting or providing feedback on the suggestions;

b) a display of suggested corrected medical terminology;

c) a display of an indication of confidence level in suggested words or phrases.

3. A method for generating a transcript of a conversation between a patient and a healthcare practitioner, comprising:

providing on a workstation a rendering of an audio recording of the conversation and generating a display of a transcript of the audio recording using a speech-to-text engine in substantial real time with the rendering of the audio recording, thereby enabling inspection of the accuracy of conversion of speech to text;

providing a tool for scrolling through the transcript and rendering the portion of the audio according to the position of the scrolling;

highlighting in the transcript words or phrases spoken by the patient relating to symptoms, medications or other medically relevant concepts;

providing a set of transcript supplement tools enabling editing of specific portions of the transcript based on the content of the corresponding portion of audio recording;

displaying a note simultaneously with the display of the transcript and populating the note with the highlighted words or phrases in substantial real time with the rendering of the audio; and wherein the method further comprises the step of minimizing the transcript and viewing the note only, and wherein the note is generated in substantial real time with the rendering of the audio.

4. A method for generating a transcript of a conversation between a patient and a healthcare practitioner, comprising:

providing on a workstation a rendering of an audio recording of the conversation and generating a display of a transcript of the audio recording using a speech-to-text engine in substantial real time with the rendering of the audio recording, thereby enabling inspection of the accuracy of conversion of speech to text;

providing a tool for scrolling through the transcript and rendering the portion of the audio according to the position of the scrolling;

highlighting in the transcript words or phrases spoken by the patient relating to symptoms, medications or other medically relevant concepts;

providing a set of transcript supplement tools enabling editing of specific portions of the transcript based on the content of the corresponding portion of audio recording;

displaying a note simultaneously with the display of the transcript and populating the note with the highlighted words or phrases in substantial real time with the rendering of the audio; and wherein highlighted words or phrase are placed into appropriate categories or classifications in the note.

5. A method for generating a transcript of a conversation between a patient and a healthcare practitioner, comprising:

providing on a workstation a rendering of an audio recording of the conversation and generating a display of a transcript of the audio recording using a speech-to-text engine in substantial real time with the rendering of the audio recording, thereby enabling inspection of the accuracy of conversion of speech to text;

providing a tool for scrolling through the transcript and rendering the portion of the audio according to the position of the scrolling;

highlighting in the transcript words or phrases spoken by the patient relating to symptoms, medications or other medically relevant concepts;

providing a set of transcript supplement tools enabling editing of specific portions of the transcript based on the content of the corresponding portion of audio recording;

displaying a note simultaneously with the display of the transcript and populating the note with the highlighted words or phrases in substantial real time with the rendering of the audio; and providing supplementary information for symptoms including labels for phrases required for billing.

6. The method of claim **1**, further comprising linking words or phrases in the note to relevant parts of the transcript from which the words or phrases in the note originated.

7. The method of claim **1**, further comprising the step of providing tools to edit the transcript.

8. A workstation displaying a transcript of a conversation between a patient and a healthcare practitioner, comprising:

a tool for a rendering of an audio recording of the conversation and generating a display of the transcript of the audio recording using a speech-to-text engine in substantial real time with the rendering of the audio recording, thereby enabling inspection of the accuracy of conversion of speech to text;